



**Quick Start Guide & Installation manual**  
**Guide de démarrage et Guide d'installation**  
**Guía de inicio rápido y Manual de instalación**

# VX404

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**DVD MULTIMEDIA STATION WITH 6.2" TOUCH PANEL CONTROL**  
**Station multimédia DVD avec commande par écran tactile de 6.2 pouces**  
**Estación multimedia DVD con control de panel táctil de 6.2 pulgadas**

## **CLARION PRODUCT REGISTRATION INFORMATION**

For USA and Canada only

**[www.clarion.com](http://www.clarion.com)**

Dear Customer:

Congratulations on your purchase of a Clarion mobile electronic product. We are confident that you'll enjoy your Clarion experience.

There are many benefits to registering your product. We invite you to visit our website at **[www.clarion.com](http://www.clarion.com)** to register your Clarion product.

We have made product registration simple with our easy to use website.

The registration form is short and easy to complete. Once you're registered, we can keep you informed of important product information.

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Under Industry Canada regulations, this radio transmitter may only operate using an antenna of a type and maximum (or lesser) gain approved for the transmitter by Industry Canada. To reduce potential radio interference to other users, the antenna type and its gain should be so chosen that the equivalent isotropically radiated power (e.i.r.p.) is not more than that necessary for successful communication.

Conformément à la réglementation d'Industrie Canada, le présent émetteur radio peut fonctionner avec une antenne d'un type et d'un gain maximal (ou inférieur) approuvé pour l'émetteur par Industrie Canada. Dans le but de réduire les risques de brouillage radioélectrique

à l'intention des autres utilisateurs, il faut choisir le type d'antenne et son gain de sorte que la puissance isotrope rayonnée équivalente (p.i.r.e.) ne dépasse pas l'intensité nécessaire à l'établissement d'une communication satisfaisante.

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Il y a beaucoup d'avantage à enregistrer votre produits. Nous vous invitons à visiter notre site Web **[www.clarion.com](http://www.clarion.com)** pour enregistrer votre produit Clarion.

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Hay muchas ventajas al registrar su producto. Le invitamos a que visite nuestro sitio en internet **[www.clarion.com](http://www.clarion.com)** para registrar su producto de Clarion.

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Regístrese en **[www.clarion.com](http://www.clarion.com)** - es fácil mantener su producto de Clarion actualizado.

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# 1. PRECAUTIONS



## WARNING

- For your safety, the driver should not watch any video sources and/or operate the controls while driving. Please note that watching and operating any video sources while driving are prohibited by law in some countries. Also, while driving, keep the volume to a level at which external sounds can be heard.
- Do not disassemble or modify this unit. It may cause an accident, fire, or electric shock.
- Do not use this unit when a trouble exists, such as no screen content appears or no sound is audible. It may cause an accident, fire, or electric shock. For that case, consult your authorized dealer or a nearest Clarion service center.
- In case of a problem, such as any material has been entered in the unit, the unit gets wet, or smoke or strange smells come out of the unit, etc., stop using this unit immediately, and consult your authorized dealer or a nearest Clarion service center.  
Using it in that condition may cause an accident, fire, or electric shock.
- Use a fuse with the same specification only when replacing the fuse.  
Using a fuse with a different specification may causes a fire.
- For the installation of this unit or a change in the installation, ask your authorized dealer or a nearest Clarion service center for safety. Professional skills and experiences are required to do so.
- As the driver, you alone are responsible for your driving safety.
- In order to avoid a traffic accident, do not operate the system while driving.
- In order to avoid a traffic accident, operate the system only when the vehicle is stopped at a safe place and the parking brake is on.
- The software may contain inaccurate or incomplete information due to the passage of time, changing circumstances, and the sources of information used. Please respect current traffic conditions and regulations at all times while driving.

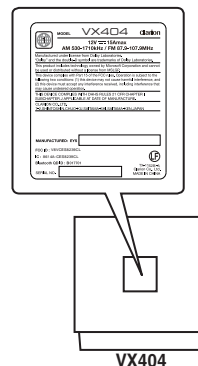
- Keep the amount of time spent viewing the screen while driving to a strict minimum.
- This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules.

These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio reception, which can be determined by turning the equipment off and on, the user is encourage to consult the dealer or an experienced radio technician for help.

1. When the inside of the car is very cold and the player is used soon after switching on the heater, moisture may form on the disc (DVD/ CD) or the optical parts of the player and proper playback may not be possible. If moisture forms on the disc (DVD/CD), wipe it off with a soft cloth. If moisture forms on the optical parts of the player, do not use the player for about one hour. The condensation will disappear naturally allowing normal operation.
2. Driving on extremely bumpy roads which cause severe vibration may cause the sound to skip.
3. This unit uses a precision mechanism. Even in the event that trouble arises, never open the case, disassemble the unit, or lubricate the rotating parts.

### INFORMATION FOR USERS:

Changes or modifications to this product unapproved by the manufacturer will void the warranty and will violate FCC approval.



## About the registered marks, etc.

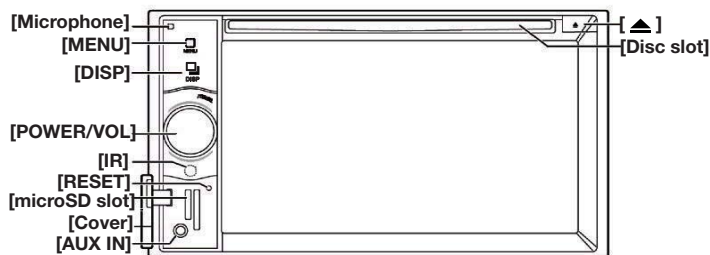
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Reverse engineering or disassembly is prohibited.
- Manufactured under license from Dolby Laboratories. “Dolby” and the double-D symbol are trademarks of Dolby Laboratories.
- “Made for iPod” and “Made for iPhone” mean that an electronic accessory has been designed to connect specifically to iPod or iPhone, respectively, and has been certified by the developer to meet Apple performance standards. Apple is not responsible for the operation of this device or its compliance with safety and regulatory standards. Please note that the use of this accessory with iPod or iPhone may affect wireless performance.  
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- DivX®, DivX Certified® and associated logos are trademarks of Rovi Corporation or its subsidiaries and are used under license. DivX Certified® to play DivX® video, including premium content. Covered by one or more of the following U.S. patents: 7,295,673; 7,460,668; 7,515,710; 7,519,274  
ABOUT DivX VIDEO: DivX® is a digital video format created by DivX, LLC, a subsidiary of Rovi Corporation.  
This is an official DivX Certified® device that has passed rigorous testing to verify that it plays DivX video. Visit [divx.com](http://divx.com) for more information and software tools to convert your files into DivX videos.  
ABOUT DivX VIDEO-ON-DEMAND: This DivX Certified® device must be registered in order to play purchased DivX Video-on-Demand (VOD) movies To obtain your registration code, locate the DivX VOD section in your device setup menu. Go to [vod.divx.com](http://vod.divx.com) for more information on how to complete your registration.

## 2. OPERATIONAL PANEL



### [microSD slot]

Note: The microSD card is for music and video.

### [AUX IN]

AUX 1 Connector.

### [Microphone]

This is used for Bluetooth phone.

### [IR] SENSOR

•Receiver for the remote control unit (operating range: 30 degree in all directions).

## Functions of Buttons

### [POWER/VOL] Knob

- Press this knob to turn on the power.
- Keep pressing this knob more than 2 second to turn off the power.
- Turn this knob to left or right to decrease or increase the volume of the system.

### [DISP] Button

- Press this button to display the HDMI video screen.

### [▲] Eject

- Press to eject disc from unit.

### [MENU] Button

- Press this button to display main menu; press again to return current source.
- Press and hold this button for 2 seconds to turn off the monitor. Press any place of the screen to turn on the monitor again.

### [RESET] Button

- Press this button to hardware reset the unit.

**Note:** When the **[RESET]** button is pressed, frequencies of radio stations, titles, etc. stored in memory are cleared.

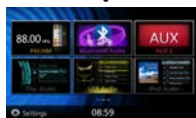
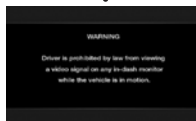
## 3. TURNING THE POWER ON



Start the engine. The power is supplied to this unit.



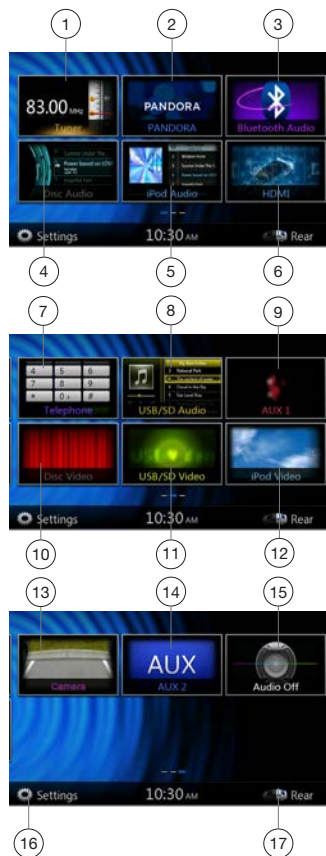
Press **[POWER]** button on the panel to turn on the unit.



### Selecting a Source

- Press **[MENU]** button on the PANEL to show main source menu.
- Change page by dragging left or right or touching other buttons.
- Touch the icons on the screen to enter corresponding work mode, such as Disc mode, Tuner mode, Telephone mode, etc.

## 4. MAIN MENU





- 1 - Tuner---Touch the button to display the Tuner mode.
- 2 - Pandora---Touch the button to display the Pandora mode.
- 3 - Bluetooth Audio--- Touch the button to display the Bluetooth Audio mode.
- 4 - Disc Audio---Touch the button to display the Disc Audio mode.
- 5 - iPod Audio---Touch the button to display the iPod Audio mode.
- 6 - HDMI---Touch the button to display the HDMI mode.
- 7 - Telephone--- Touch the button to display the Telephone mode.
- 8 - USB/SD Audio---Touch the button to display the USB/SD Audio mode.
- 9 - AUX1 ---Touch the button to display the AUX1 mode.
- 10 - Disc Video---Touch the button to display the Disc Video mode.
- 11 - USB/SD Video---Touch the button to display the USB/SD Video mode.
- 12 - iPod Video---Touch the button to display the iPod Video mode.
- 13 - Camera---Touch the button to display the Camera mode.
- 14 - AUX2 ---Touch the button to display the AUX2 mode.
- 15 - Audio off---Touch the button to make audio source voice off.
- 16 - Setting Button---Touch the button to display the Setting menu.
- 17 - Rear---Touch the button to display the Rear mode.

#### Scrolling the menu

Flicking to right or left it will switch to next or previous page of main menu.

#### Moving the menu position

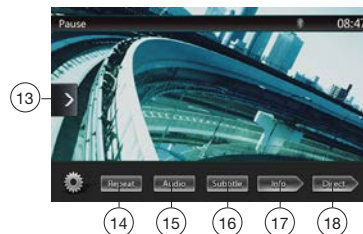
1. Touch any quadrate icon on main menu more than 2 seconds, the icon will float on main menu.
2. Scrolling the floating icon to any position you want.

## 5. DVD VIDEO PLAYER OPERATIONS

### Showing DVD Player Mode Screen

After disc is loaded, the play mode is automatically engaged.

Touch any place of the screen to display DVD Video menu touch the screen again to return the playback screen. The display will return to the playback screen, if you do not touch the screen for 10 seconds.

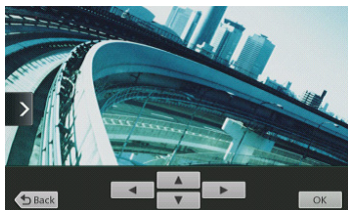


- 1 - Option button
- 2 - Show Cursor keys button
- 3 - Previous Chapter /Fast Backward button
- 4 - Play/Pause button
- 5 - Next Chapter /Fast Forward button
- 6 - Elapsed playing time
- 7 - Seek bar
- 8 - Total time
- 9 - Menu List button
- 10 - System time
- 11 - Bluetooth status indicator
- 12 - DVD playback information
- 13 - Shortcut button
- 14 - Repeat Switching button
- 15 - Audio Channel switching button
- 16 - Subtitle switching button
- 17 - Information button
- 18 - Direct chapter or title searching button

## Operate the DVD Player Menu

### Using the Title Menu

On DVD discs containing two or more titles, you can select from the title menu for playback.



1. Showing the root menu of the DVD Video, touch [OK] button during playback.  
Touch and hold it during playback to show the title menu.

- \* Depending on the disc, the title or root menu may not be called.
2. Touch the title or root menu screen. And touch the Show Cursor button.
3. Select the items in the title or root menu screen by [Left/Right] directional buttons.
- \* Depending on the disc, items may not be selected with the directional buttons.
4. Touch [OK] button to fix on the selected item.
5. Touch [Back] button.

### Showing Video Files Player Mode Screen



- 1 - Option button
- 2 - Previous Track /Fast Backward button
- 3 - Play/Pause button
- 4 - Next Track/Fast Forward button
- 5 - Elapsed playing time /Seek bar
- 6 - List Mode button
- 7 - System time
- 8 - Bluetooth status indicator
- 9 - Playback information

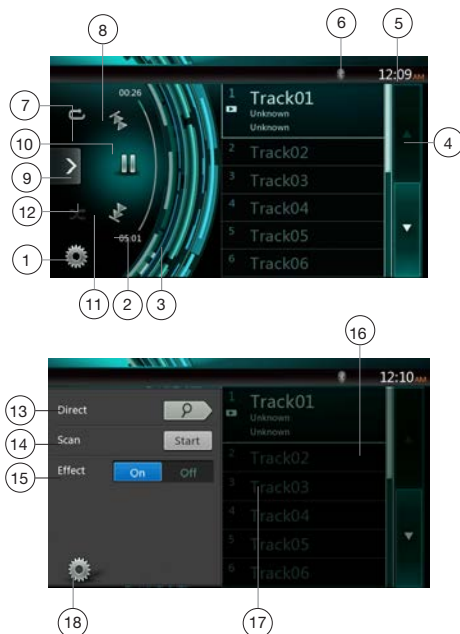
- 10 - Shortcut button
- 11 - Repeat button
- 12 - Audio button
- 13 - Subtitle button



# 6. CD PLAYER OPERATIONS

## Showing CD Player Mode Screen

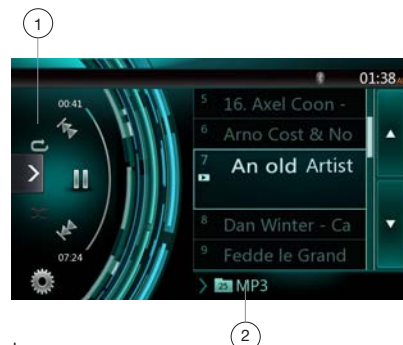
1. After disc is loaded, the play mode is automatically engaged.
2. If disc have been loaded you can touch **[Disc Audio]** button on main menu to display CD player mode screen.



- 1 - Option button
- 2 - Elapsed playing time indicator
- 3 - Rotation effect
- 4 - Page turning button
- 5 - System time

- 6 - Bluetooth status indicator
- 7 - Repeat button
- 8 - Previous Track /Fast Backward button
- 9 - Shortcut button.
- 10 - Play/Pause button
- 11 - Next Track/Fast Forward button
- 12 - Shuffle button
- 13 - Direct Searching button
- 14 - Scan Start/Stop button
- 15 - Rotation Effect On/Off button
- 16 - Song title
- 17 - Artist/album information
- 18 - Close option menu button

## Playback MP3/WMA/AAC Menu



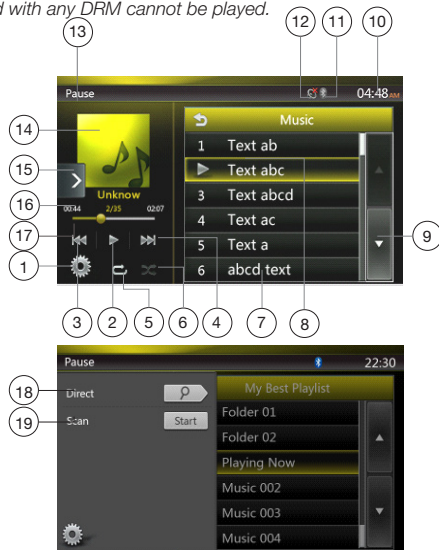
1. Repeat Playback  
While playing MP3/WMA/AAC touch button can switch between Repeat Folder, Repeat All and Repeat Track, Repeat Folder and Repeat All.
2. Current Folder
  - Showing title of current folder.
  - The number on the folder symbol is the number of files and folders number in current folder.
  - Touch the title of current folder, play list will show files and folders in upper folder.

## 7. USB/SD AUDIO OPERATIONS

This system can play audio files (MP3/WMA/AAC/FLAC) stored in an USB memory which is recognized as “USB Mass Storage Class device” and SD. You can use your USB/SD memory as an audio device by simply copying desired audio files into it.

### Note:

- This system will not operate or may operate improperly with some USB/SD memory.
- Files protected with any DRM cannot be played.



1. Option button
2. Play/Pause button
3. Previous Track /Fast Backward button

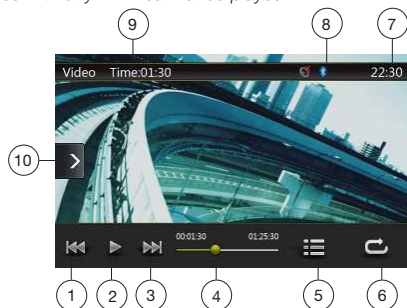
4. Next Track/Fast Forward button
5. Repeat button
6. Shuffle button
7. MP3 files, WMA files in list
8. Folders in list
9. Page turning button
10. System time
11. Bluetooth status indicator
12. Mute status indicator
13. Playback status information
14. Album art
15. Shortcut button
16. Current ID3 info area
17. Elapsed playing time indicator/Seek bar
18. Direct button
19. Scan button

## 8. USB/SD VIDEO OPERATIONS

This system can play USB/SD video files (MP4, 3GP etc.) stored in an USB memory which is recognized as "USB Mass Storage Class device" and SD. You can use your USB/SD memory as an audio device by simply copying desired audio files into it.

### Note:

- This system will not operate or may operate improperly with some USB/SD memory.
- Files protected with any DRM cannot be played.



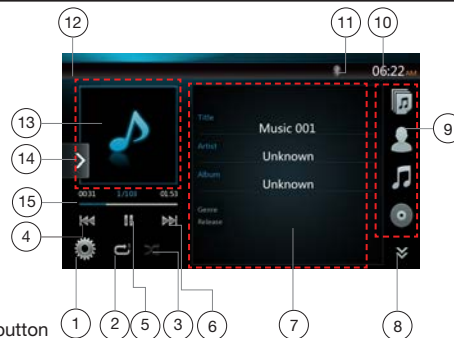
- 1 - Previous Track /Fast Backward button
- 2 - Play/Pause button
- 3 - Next Track/Fast Forward button
- 4 - Elapsed playing time indicator/Seek bar
- 5 - Menu list
- 6 - Repeat button
- 7 - System time
- 8 - Bluetooth status indicator
- 9 - Playback information
- 10 - Shortcut button

## 9. iPod/iPhone OPERATIONS

### iPod Audio Menu Operations

Connect your iPod®/iPhone® to the USB connector. The system will automatically detect the connected device and the iPod Audio button will be enabled for operation on the Main Menu screen.

### iPod Audio ID3 Mode Screen



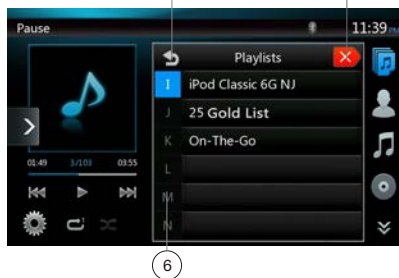
- 1 - Option button
- 2 - Repeat button
- 3 - Shuffle button
- 4 - Previous Track /Fast Backward button
- 5 - Play/Pause button
- 6 - Next Track/Fast Forward button
- 7 - ID3 information
- 8 - Next Page[ ] / Previous Page[ ] button
- 9 - Category list
- 10 - System time

- 11 - Bluetooth status indicator
- 12 - Playback status indicator
- 13 - Art work
- 14 - Shortcut button
- 15 - Progress bar

### iPod Audio Playlist Mode Screen



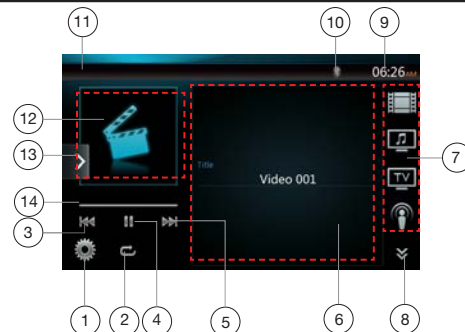
- 1 - Switch to information button
- 2 - Playing list
- 3 - Page turning button



- 4 - Back to father folder

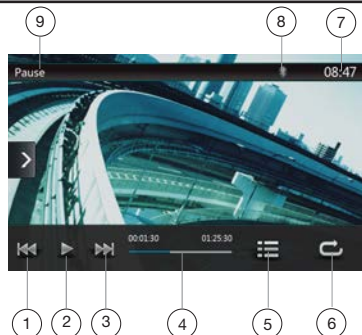
- 5 - Close the list mode
- 6 - Search with the first alphabet in current list

### iPod Video ID3 Mode Screen



- 1 - Option button
- 2 - Repeat button
- 3 - Previous track button
- 4 - Play/Pause button
- 5 - Next track button
- 6 - Playing file title
- 7 - Category list
- 8 - Next Page [⏮] / Previous Page [⏭] button
- 9 - System time
- 10 - Bluetooth status indicator
- 11 - Playback status indicator
- 12 - Art work
- 13 - Shortcut button
- 14 - Progress bar

## iPod Video Play Mode Screen



- 1 - Previous Track /Fast Backward button
- 2 - Play/Pause button
- 3 - Next Track/Fast Forward button
- 4 - Progress bar
- 5 - Menu list button
- 6 - Repeat button
- 7 - System time
- 8 - Bluetooth status indicator
- 9 - Playback information

## 10. Pandora® OPERATIONS

If you have any issues with the Pandora application on your mobile phone, please direct them to [pandora-support@pandora.com](mailto:pandora-support@pandora.com).

### Selecting the Pandora Mode

1. Turn on Pandora function of your iPod.
  2. Connect your iPod to the unit.
  3. When iPod/iPhone is already connected, touch the [Pandora] icon on the Main Menu screen.
- Pandora mode ID 3 Information Screen



- 1 - Art work
- 2 - Progress bar
- 3 - Settings button
- 4 - Thumbs-down
  - Touch this button Thumbs-down current track and play next track.
- 5 - Play/Pause button
  - Use to control playback and pause.
  - (1). Touch the button during playback. Playback pauses.
  - (2). To resume playback touch the key again.
- 6 - Next track button
- 7 - Thumbs-up
- 8 - System time

## 9 - List button

Touch this button to show list screen

## 10 - Current station name

## 11 - Current title.

Touch icon to store current title to track favorites list.

## 12 - Current artist.

Touch icon to store current artist to artist favorites list.

## 13 - Current album name.



## 1 - [Info] button

Touch this button to display ID 3 Information Screen.

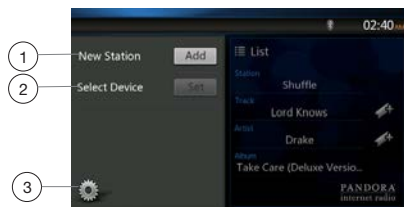
## 2 - [A-Z] button

Touch this button to sort the list by first letter, touch again to sort the list by date.

## 3 - Station list, touch to select station play.

When the desired station is not displayed, touch and flick the station list up or down.

• Pandora mode Setting screen



## 1 - Add a new Station

## 2 - Select a device

## 3 - Close the setting screen

### ***Pandora Bluetooth Mode***

When your mobile phone have connected to the unit via bluetooth. You can also enter the Pandora mode. The operation is same as the normal Pandora mode.



## 1 - BT mode

When connected via bluetooth. This icon will change from USB to BT




## 11. Bluetooth AUDIO PLAYER OPERATIONS

Some Bluetooth cellular phones have audio features, and some portable audio players support the Bluetooth feature. These devices will be called “Bluetooth audio players” in this manual. This system can play audio data stored in a Bluetooth audio player.

### Note:

- This system will not operate or may operate improperly with some Bluetooth audio players.
- For detailed information on the playable Bluetooth audio players, see our home page: [www.clarion.com](http://www.clarion.com)



### Selecting the Bluetooth Audio Mode

1. Touch the [Bluetooth Audio] key to select the Bluetooth Audio mode.  
The system changes to the Bluetooth mode. If the connection with a Bluetooth audio player has been already established, you may select the Music function.
  2. Press MENU button on Operational Panel to return to the Main Menu.
- When the connection with blue icon a Bluetooth audio player has been established, the  icon is displayed at the top of the screen.



### Bluetooth Audio Player Settings


You can confirm various information concerning about the Bluetooth Interface features.

1. Touch the  button to display the information on the screen.
2. When you finish confirming the Bluetooth information, touch the  button to return to the previous screen.



### Registering your Bluetooth Audio Player (Pairing)

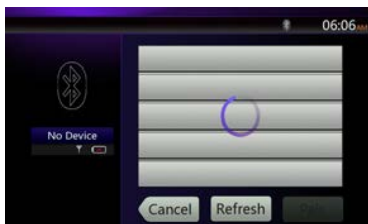
You can register up to 5 Bluetooth audio players.  
Your mobile phone Bluetooth version is under 2.0.  
Please input PIN code “0000”.

1. Turn on the power of the Bluetooth audio player you wish to register.
2. Touch the Device button  to display the Device Select screen.



3. Touch the  button to display the Inquiring Device screen.





4. Touch your desired device button and touch [Pair] button to register for the Bluetooth audio player. Then select an image of this device.



And select a type of this device.



When the pairing operation completes, the registered Bluetooth audio player is set as the current device, after selecting the favorite icon, the display return to the device list screen. Touch [Back] button, the display will return to the Bluetooth audio mode screen.



#### • To delete the Bluetooth audio player registration

1. Touch the [Delete] button to delete the device. A confirmation screen is displayed.
2. Touch the [Yes] button to confirm delete.

### Selecting the Bluetooth Audio Player

To change the current Bluetooth audio player to the other device which is already registered, perform the following operation.

1. Touch the device button to [Bluetooth] display the Device Select screen.
2. Touch the currently connected device button, then touch the [Cut] button to disconnect the active device.
3. Touch the desired Device button you wish to use. Touch [Connect] button to select it as your active device. The corresponding cellular phone is set as current telephone.
4. Touch the [Back] button to return to the previous screen.

### Controlling the Bluetooth Audio Player




#### Note:

- Occasionally, depending on the environment, playback sounds may be fragmented,


or switch noises may be generated.

## Playing Music

After the connection with a Bluetooth audio player is established, the play mode is automatically engaged.

- When playback is not started for some devices, touch the  button manually.

## Pausing Playback

- Touch the  button during playback.


## Playback Pauses.

- To resume playback, touch the  button. Playback resumes.

## Skipping a Track (searching)

- Touch the  or  button during playback.


## Stopping Playback

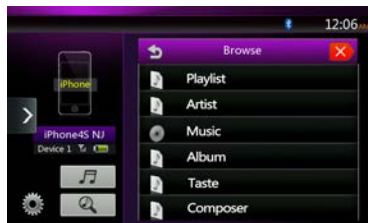
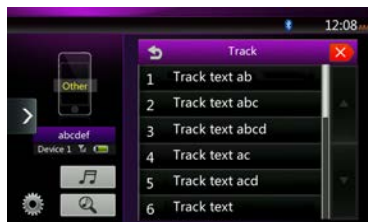
- Touch the  button during playback.

Tracks are stopped, touch the  button to playback the first Track.

## Show Track List

- Touch the  button to show the current track list.

Touch the  button to show all of the lists. And you can playback any tracks by touch the items in the list.



# 12. Bluetooth TELEPHONE OPERATIONS

When the connection with your Bluetooth cellular phone is established, the following functions are available on this unit:

- Listening to your telephone calls on the car speakers.
- Answering to an incoming call.
- Making a call using the Ten-Key pad screen.
- Making a call using the Phone Book data in the selected cellular phone.
- Making a call using the History data of the dialed/received calls.

## Note:


- Some cellular phones may not be able to transfer the Phone Book data to head unit.
- The Phone Book data transmission may take a long time. The operations of sending calls are disabled during the data transmission.

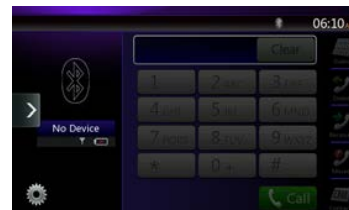
## Select the BT Phone Mode

- Touch the [Bluetooth Telephone] button to select the Bluetooth Telephone mode.

The Telephone screen is displayed.

- Press MENU button on Operational Panel to return to the main menu.

- When no Bluetooth Telephone connected, the icon  is displayed at the top of the screen.





- When the connection with a Bluetooth Telephone has been established, the icon  and signal level indicator are displayed at the top of the screen.



## Bluetooth Telephone Settings



You can confirm various information concerning about the Bluetooth Interface features.

1. Touch the  button to display the information on the screen.
2. Perform setting for the desired item. See the following sections for detail.
3. When you finish confirming the Bluetooth information, touch the  button to return to the previous screen.



### Setting Automatic Connection



The system automatically reconnects the cellular phone after the connection is lost or the system is restarted.

- The factory default setting is “ON”. Touch the  or  button of the Automatic Connection item to set the function ON or OFF.

Note: The “auto-connect” is effective to the cellular-phone of last connecting.

### Setting Automatic Answer

If a call comes in, answer automatically after 5 seconds.

- The factory default setting is “OFF”. Touch the  or  button of the Automatic Answer item to set the function ON or OFF.

### Setting Microphone Gain

You can adjust the input level of the microphone in 16 levels.

- Touch the level indicator button of the Microphone Gain item to adjust the input level.

#### Note:


- The input level of the microphone can be affected by its surroundings. Adjust the level if the person on the other end of the telephone has a reception problem.

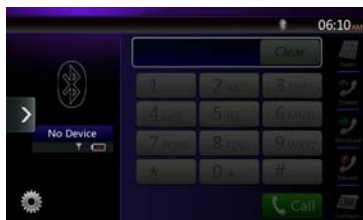
## Registering Your Cellular Phone (Pairing)

You can register up to 5 cellular phones. The registering method is as same as “Registering your Bluetooth audio player”.

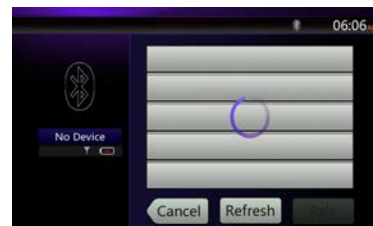
Your mobile phone Bluetooth version is under 2.0.


Please input PIN code “0000”.

1. Turn on the power of the cellular phone you wish to register.
2. Touch the Device button [  ] to display the Device Select screen.





3. Touch the [  ] button to display the Inquiring Device screen.



4. Touch your desired Cellular button to select the button for the cellular phone to be registered, and touch [  ] button to register for the Bluetooth cellular phone.
  - You cannot select the Cellular button of which another cellular phone is already registered. Select a blank Cellular button.
5. If entering the Pass Key code is prompted on your cellular phone, enter the Pass Key code set in this unit.
  - You can change the Pass key setting of this unit from the Bluetooth Info screen under the Telephone Settings screen.



When the pairing operation completes, the registered cellular phone is set as the current telephone, and the display returns to the Telephone screen.

- To delete the cellular phone registration
1. Touch the [  ] button to delete the device. A confirmation screen is displayed.
  2. Touch the [  ] button to confirm delete.

## Select the Cellular Phone

To change the current cellular phone to the other device which is already registered, perform the following operation.

1. Touch the **[ ]** button to display the Device Select screen.
2. Touch the currently connected device, then touch **[Disconnect]** button to disconnect the active device.
3. Touch the desired Device button you wish to use. Touch **[Connect]** button to select it as your active device. The corresponding cellular phone is set as the current telephone.
  - If the power of the cellular phone is not turned on, turn it on.
  - The cellular phone may prompt to acknowledge the Bluetooth connection or to enter the Pass Key code of this unit. Perform these operations according to the message displayed.
4. Touch the **[Back]** button to return to the previous screen.

## Obtaining the Phone Book Data

Sending the Phone Book data from the cellular phone enables you to make a call using the Phone Book function from this unit.

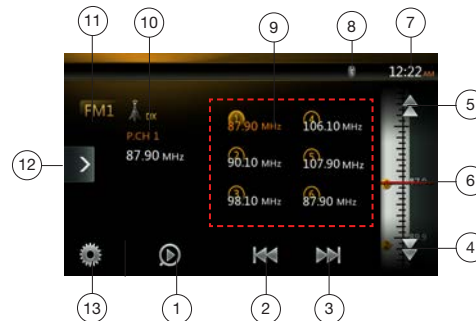
## Telephone Operations

### Making a call using the Ten-Key pad

1. Touch the **[ ]** button to display the Ten-Key pad screen.
2. Enter the telephone number by using the Ten-Key pad displayed on the screen.

# 13. TUNER OPERATIONS

## Listening to the Tuner



1. Preset Scan button
2. Seek down
3. Seek up
4. Step down
5. Step up
6. Frequencies display
7. System time
8. Bluetooth status indicator
9. Preset list
10. DX/Local indicator
11. Band button
12. Shortcut button
13. Option button

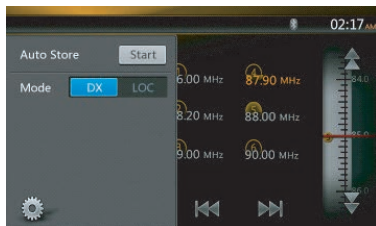
## Auto Store

The Auto Store is a function for storing up to 6 stations that are automatically searched in sequentially. If the number of receivable stations cannot reach 6, the previous stored station remains.

1. Touch the **[FM1/2/3/AM]** button to select the desired band. (FM or AM)
2. Touch the **[🔍]** button, and then press the **[Start]** button to start the Auto Store. A beep sounds and the stations with good reception are stored automatically to the preset list.

### Notes:

1. After auto store, the previous stored stations will be overwritten.
2. The unit has 4 bands, but FM3 and AM can store by Auto Store function.



## Preset Scan

The Preset Scan receives the stations stored in the preset memory in order. This function is useful when searching for the desired station in memory.

1. Touch the **[FM1/2/3/AM]** Button to select the desired band. (FM or AM)
2. Touch the **[🔍]** button to start the Preset Scan. The unit starts scanning each station for 10 seconds sequentially. But the station stored is not a valid station; the scanning time is only 2 seconds.
3. When the desired station is tuned in, touch the **[🔍]** button again to stay in that station.

## Mode Setting

The DX / Local setting changes the tuner sensitivity in order to separate closely spaced stations. This feature is useful in areas that have many radio stations in close proximity.

# 14. HDMI MODE

## Wire Connection of HDMI

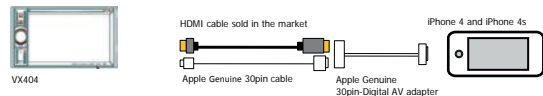
iPhone 4, iPhone 4s, iPhone 5, iPhone 5s and iPhone 5c can be connected by using the connector cable supplied with iPhone 4, iPhone 4s, iPhone 5, iPhone 5s and iPhone 5c and HDMI cable (sold in the market) and digital Av adapter.

### Note:

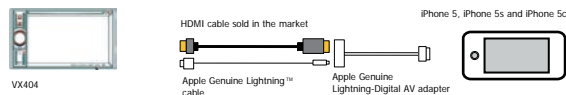
The following is part of the wiring example.

Depending on the device, there is a case to connect to the device directly with the CCA-771. Depending on the adapter or device, there is a case that the audio noise and video noise is generated.

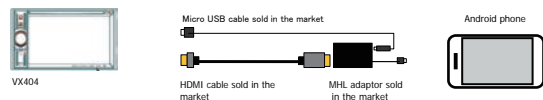
(1) Connection with the iPhone 4 and iPhone 4s



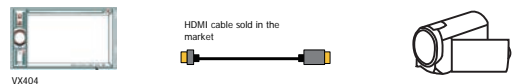
(2) Connection with the iPhone 5, iPhone 5s and iPhone 5c



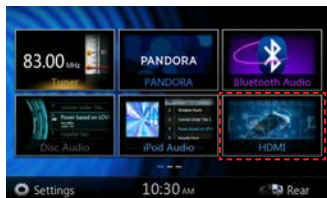
(3) Connection with the Android phone



(4) Connection with the equipment with HDMI output

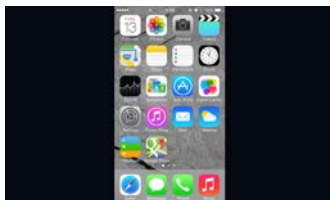


## Select HDMI source



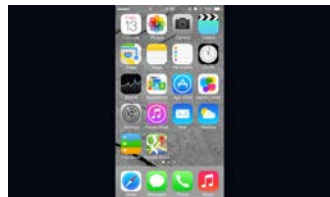
Touch the HDMI menu button, then appear the screen of the connected device.

## Select DISP source



Press DISP button to display the HDMI video screen .

***This HDMI mode is only indicate the screen of the iPhone, Android. Can't operate by the touch screen of VX404***



**Note:** Depending on the application and model of the mobile phone, there is the case that black frame appears around the screen.

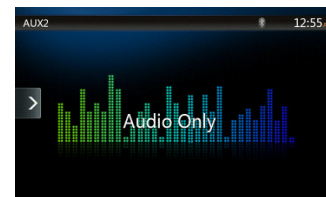
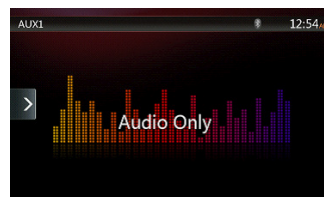
# 15. AUX

External peripheral devices, including a game console, camcorder, navigation unit, iPod/iPhone, etc. can be connected to the AUX connector on the front or back of this unit using the A/V media cables.

## Switching to AUX IN

Touch [AUX1] / [AUX2] button on Main Menu to select desired mode (when unit is reading). If the external device connected to AUX input have audio signal, the unit will broadcast audio of external device. Press Menu button on Operational Panel to return to the Main Menu.

You cannot directly control external devices connected to AUX input.



# 16. CAMERA INPUT OPERATIONS

## Switching to Camera mode

Touch [Camera] button on Main Menu.

The LCD will display the external camera video. The screen will display "No Video Signal" message, if a valid camera is not connect to this head unit.

Press MENU button on Operational Panel to return to the Main Menu.

## Setting Camera audio

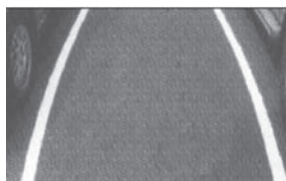
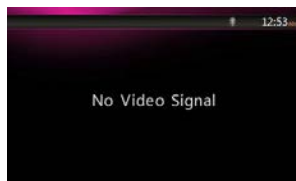
Select "On" button in the Camera Audio setting of the General setting.

The audio from camera will heard when back gear is on. The volume control is available but not indicated on the screen due to the safety.

Select "Mute" button, then mute the audio of the current mode when back gear is on.

Select "Off" button, then play the audio of the current mode then back gear is on.



**Note:**

*If the reverse cable is connected correctly to the car, the unit goes to camera mode automatically when the car is in reverse.*

**As an additional safety feature, the audio from camera with built-in microphones can be heard through the VX404.**

## 17. REAR SOURCE OPERATIONS

If a monitor is installed in the rear zone and connected to the rear zone AV output, passengers in the back seat can watch the DVD/iPod Video/AUX1/AUX2 video separately from front source.



1. Touch the button to access the front source.
2. Touch the button to close the rear source.

**Multi-Zone Operation**

Independent sources can be played simultaneously on the unit. For example, a FM/AM console can be playback on the front screen while DVD video is available to rear passengers. But now can't select DVD video in front.

**Access Rear-Zone**

1. Touch the Rear button on Main Menu to access the Rear Source.
2. Select a source to play.

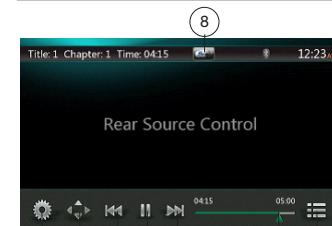
**Exit Rear-Zone**

Touch the 2-Zone off button to close the Rear Source.

**Note:**

1. If the source is selected as the front, the source in rear can't be selected.
2. If the source is selected as the rear, the source in front can't be selected.
3. Touch the Front button to access the main menu but not close the Rear Source.

### DVD Video in Rear



- 1 -Option button
- 2 -Show Cursor keys
- 3 -Previous Chapter /Fast Backward button
- 4 -Play/Pause button
- 5 -Next Chapter /Fast Forward button
- 6 -Elapsed playing time
- 7 -Menu List button
- 8 -Front/Rear button

If the screen displays Rear Source, touch Front/Rear button to switch to Front Source.

If the screen displays Front Source, touch Front/Rear button to switch to Rear Source.



### DVD Video Rear Source Control Info Mode



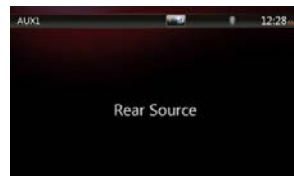
Touch BACK button to return.

### DVD Video Rear Source Control Direct Mode

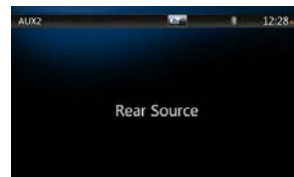


**NOTE:** More detail please refer to DVD Video Front source.

AUX1

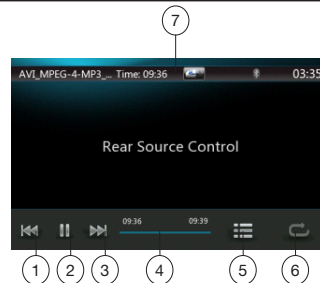


AUX2



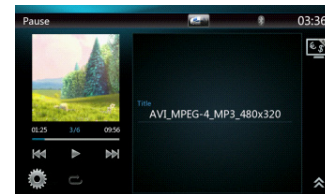
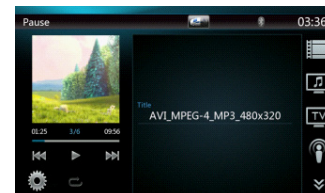
### iPod Video in Rear

### iPod Video Rear Source Control Play Mode



- 1 - Previous Track /Fast Backward button
- 2 - Play/Pause button
- 3 - Next Track/Fast Forward button
- 4 - Progress bar
- 5 - Menu List button:  
Press the Menu button to display the iPod Video Rear Source mode screen.
- 6 - Repeat button:  
Same as iPod function of front source
- 7 - Front/Rear button  
If the screen displays Rear Source, touch to switch to Front Source.  
If the screen displays Front Source, touch to switch to Rear Source.

### iPod Video Rear Source ID3 Mode



### NOTE:

If the source is selected as the front, the source in rear can't be selected.

If the source is selected as the rear, the source in front can't be selected.

Touch the Front button to access the front main menu but the rear source will keep running.

## Symbol Identification

This manual uses symbols and icons to indicate safety precautions and concerns during the installation procedure. Be sure to carefully read and understand each precaution prior to beginning the installation.

### WARNING

This symbol is intended to alert the user to the presence of important operating instructions. Failure to heed the instructions may result in severe injury or death.

### CAUTION

This symbol is intended to alert the user to the presence of important operating instructions. Failure to heed the instructions can result in injury or material damage.

### WARNING

- Confirm the battery voltage of the vehicle to be installed. This unit is designed only for vehicles with DC 12V power supply.
- Disconnect the negative terminal of the battery before connecting wires, otherwise an electric shock, injury by short circuit may occur.

## Installation Precautions

### WARNING

- When installing the unit to a vehicle with an airbag system, never install it in a place where it may affect the operation of the airbag.
- Do not install this unit in the following locations:  
 A location interfering with the driver's visual range or operation.  
 A location where the gear shift or brake pedal are hindered.  
 A location where passengers are at risk.  
 An unstable location, or where the system may fall.

### CAUTION

- Do not install the system in the locations described below. This may cause a fire, accident or electrical shock:  
 A location exposed to rain or dust.  
 An unstable location, or where the system may fall.
- Do not install this unit in a place exposed to direct sunlight, heat or a place where the vent holes or heat radiation holes are covered.
- When you install the antenna, mount it in a place where the elements of the antenna do not protrude beyond the edge of the front, back, left and right of the vehicle. If it comes in contact with pedestrians, it may cause an accident.

## Installation Notes

**⚠ WARNING**

- Please note the position of pipes, tanks and electrical wirings before installing the unit into the vehicle; failure in avoiding these may cause a fire or malfunction.

**⚠ CAUTION**

- Use only the supplied parts.  
If unspecified parts are used, they may cause damage.
- Any holes made in the body of the vehicle should be sealed with a silicon adhesive. If exhaust fumes or water penetrates into the vehicle, this may cause an accident.
- Fasten the bolts securely when installing the unit. If the bolts are loose an accident or malfunction could occur.

## Connection Notes

**⚠ WARNING**

- Loom all cables according to the instruction manual, so as not to hinder operation.
- Wire the connecting cords/cables away from high temperature areas.  
If the coatings of the cables melt, it could cause an accident/fire by a short circuit. Take care when wiring in the engine compartment.
- When wiring the connecting cables in a vehicle with an airbag system, never feed the cables through a place where it may affect the operation of the airbag. An airbag not operating correctly in an emergency may cause increased injury.

**⚠ CAUTION**

- Verify wires with a digital multi-meter prior to making any connections.  
Many new vehicles use multiplexed and/or low voltage circuits that can be damaged if a test light or logic probe is used.
- Connect cables appropriately. If a wrong connection is made, this may cause a fire or accident.
- When passing cables through the body of the vehicle, use non-conductive grommets. If the coatings of the cables are worn out by rubbing, this may cause an accident, fire or a short circuit.
- After wiring cables, fix them with insulation tape.
- Be sure to switch off the vehicle when connecting or disconnecting cords to/from the unit, otherwise an electric shock, injury or accident may occur.

# INSTALLATION

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5. Installing The Main Unit.....	29

### 1. Before Starting

1. This set is exclusively for use in cars with a negative ground 12 V power supply.
2. Read these instructions carefully.
3. Be sure to disconnect the battery “-” terminal before starting. This is to prevent short circuits during installation. (Figure 1)

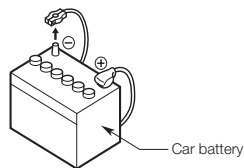


Figure 1

### 2. Package Contents

Main unit .....	1
Wiring harness .....	1
Owner's manual (CD-R) .....	1
Quick Start Guide and Installation manual .....	1
Warranty card.....	1
Remote controller .....	1

HDMI cable holder.....	1
RCA output cable.....	1
Electro tap.....	2
Flush mount bolts .....	8
Hexagon Head Screw.....	8

### 3. General Cautions

1. Do not open the case. There are no user- serviceable parts inside. If you drop anything into the unit during installation, consult your dealer or an authorized Clarion service center.
2. Use a soft, dry cloth to clean the case. Never use a rough cloth, thinner, benzine, or alcohol etc. For tough dirt, apply a little cold or warm water to a soft cloth and wipe off the dirt gently.

### 4. Cautions on Installation

1. Prepare all articles necessary for installing the source unit before starting.
2. Install the unit within 30° of the horizontal plane. (Figure 2)
3. If you have to do any work on the car body, such as drilling holes, consult your car dealer beforehand.
4. Use the enclosed screws for installation. Using other screws can cause damage. (Figure 3)

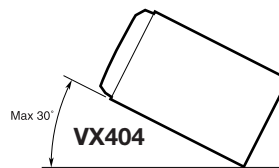


Figure 2

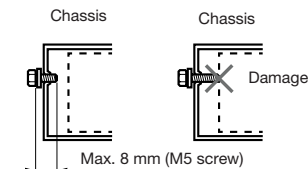
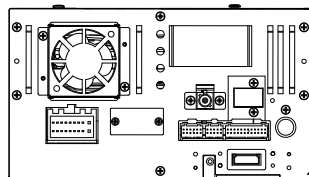


Figure 3

5. This unit has a fan motor in the back of the main unit so as not to raise the temperature in the source unit. When the fan motor vent is covered with cords or mounting bracket, it may cause a malfunction. Be sure not to cover it when wiring cords.



## 5. Installing the Main Unit

This unit is designed for fixed installation in the dashboard.

1. When installing the main unit in NISSAN vehicles, use the parts attached to the unit and follow the instructions in Figure 5.

When installing the main unit in TOYOTA vehicles, use the parts attached to the vehicle and follow the instructions in Figure 6.

2. Wire as shown in WIRE CONNECTIONS .
3. Reassemble and secure the unit in the dashboard and set the face panel and center panel

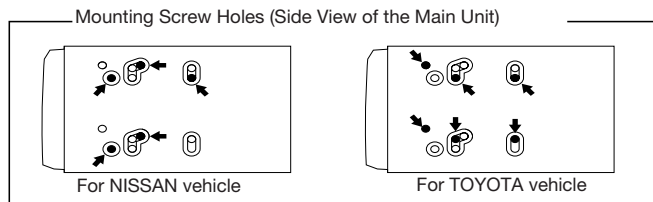


Figure 4

## Installing the Main Unit in NISSAN Vehicle

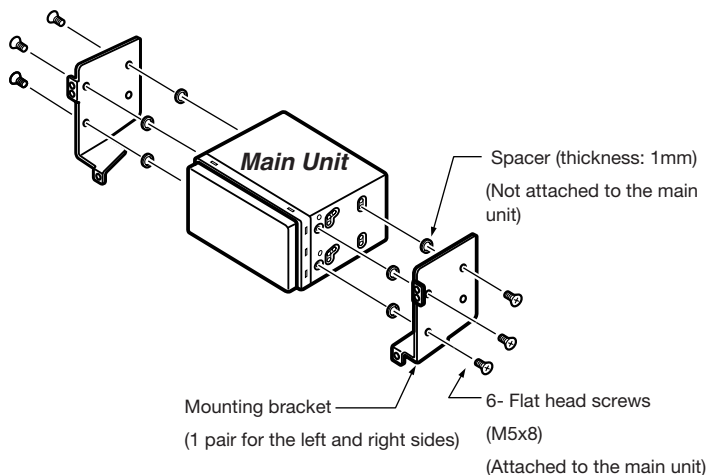


Figure 5

Vehicles other than NISSAN and TOYOTA

In some cases the center panel may require modification. (Trimming, filing, etc.)

### • Removing the Main Unit

When the main unit is to be removed, disassemble it in the reverse of the order in "INSTALLING THE MAIN UNIT".

### Installing the Main Unit in TOYOTA Vehicle

Install by using parts attached to the vehicle. (Screws marked ★ are attached to the vehicle.)

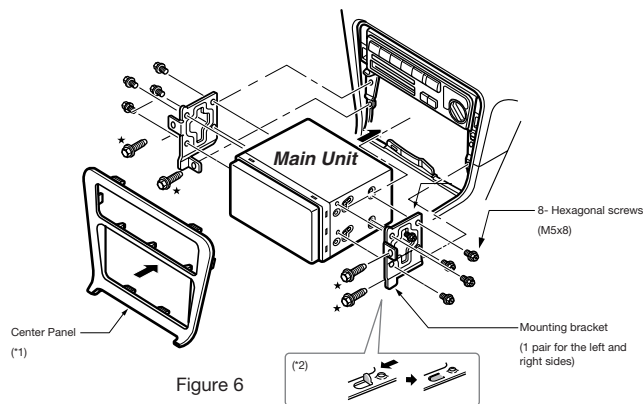
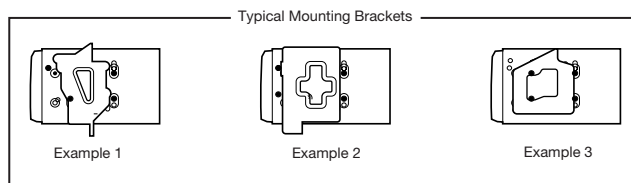


Figure 6

\*1. Some panel openings are too small for the unit depending on the vehicle type and model. In such a case, trim the upper and lower sides of the panel frame by about 0.5 to 1.5 mm so the unit can be inserted smoothly.

\*2. If a hook on the installation bracket interferes with the unit, bend and flatten it with a nipper or similar tool.

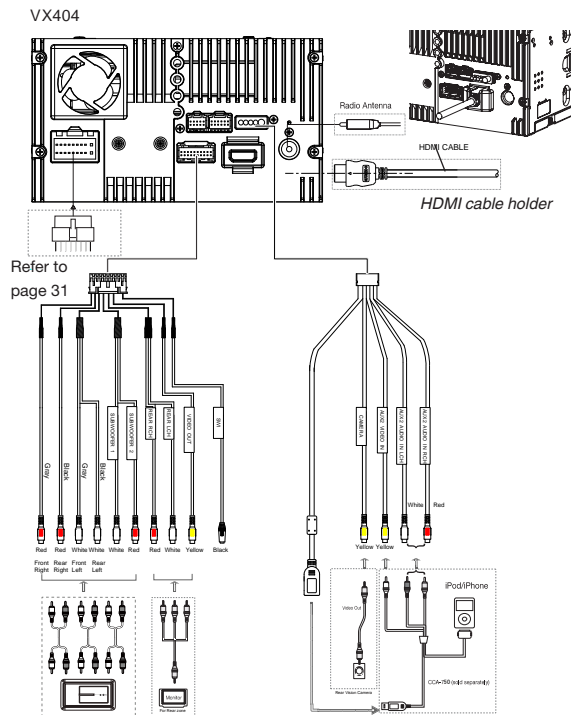


Affix the screws to the ● marks.

## WIRE CONNECTIONS

**Note:**

- Before installing, be sure to disconnect the negative cable of the car battery.
- In the optional devices, the RCA cables and the Connector cables are separately-sold items.
- When connect the HDMI cable, be sure to fix with the HDMI cable holder



## Cautions on Wiring

1. Be sure to turn the power off before wiring.
2. Be particularly careful where you route the wires. Keep them well away from the engine, and exhaust pipe, etc. Heat may damage the wires.
3. If the fuse should blow, check to see if the wiring is correct. If a fuse is blown, replace it with a new one of the same amperage rating as the original (15A FUSE).
4. To replace the fuse, remove the old fuse on the back of the unit and insert the new one. (Figure 7)

### NOTE:

There are various types of fuse holder. Do not let the battery side touch other metal parts.

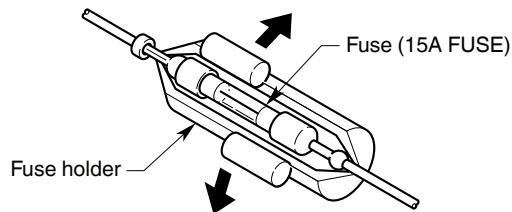
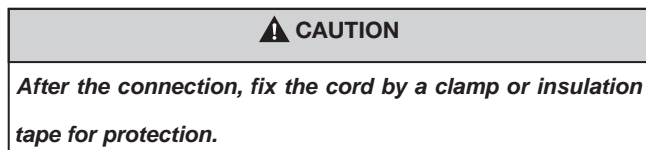
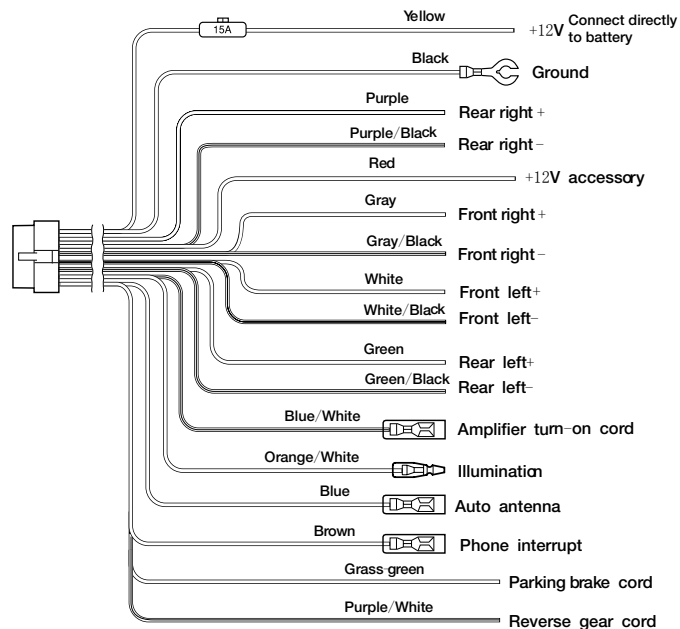


Figure 7



### Note:

\*1: Connecting the PHONE INTERRUPT terminal

The phone interrupt will mute the audio if the lead receives a negative or ground signal.

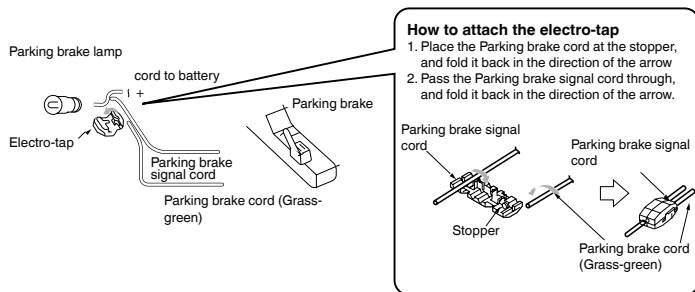


## Connecting the parking brake cord

Connect the cord to parking brake lamp ground in the meter panel.

### Note:

- Connecting the parking brake cord to lamp ground allows you to watch iPod/iPhone video/DVD video/AV input when the parking brake is engaged.
- When the parking brake cord is not connected, the monitor will not show any video sources.
- If "AUDIO ONLY" appears on the screen just after turning on the ACC power of the car, release the parking brake while confirming safety, and then engage the parking brake again.



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